

## SEQUENCE LISTING

<110> GENICOT, Sabine  
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DeRUITER, Gerhard  
RICHARD, Odile

<120> Sulfohydrolases, Corresponding Amino Acid and Nucleotide Sequences, Sulfohydrolase Preparations, Processes, and Products Thereof

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<140> 09/567,003  
<141> 2000-05-09

<150> 60/133,376  
<151> 1999-05-10

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<170> PatentIn version 3.0

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Asp Pro Ser Ala Ser Phe Leu Asn Phe Thr Ile Asp Leu Gly Ala Tyr  
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Arg Tyr His Arg Ala His His Arg Leu Val Arg Leu Val Ala Glu Asp  
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Gly Arg Thr Asn Val Tyr Glu Leu Tyr Ala Lys Pro Val Ser Asp Leu		
545	550	555
560		
Arg Ile Ala Leu Val Asn Glu Ala Trp Ser Gly Asp Gln Gly Trp Ala		
565	570	575
Glu Gly Ser Leu Arg Ser Ala Glu Arg Ala Leu Phe His Gln Phe Gly		
580	585	590
Met Glu Lys Pro Glu Trp Met Asp Lys Glu Tyr His Arg Ser Val Ile		
595	600	605
Glu Arg Tyr Asn Gln Gly		
610		
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<211> 278		
<212> PRT		
<213> Chondrus crispus		
<400> 23		
Met Asn Ala Ser Phe Leu Phe Val Leu Asn Leu Ala Ala Ile Ala Phe		
1	5	10
15		
Thr Ala Asn Ala Gln Cys Gly Arg Ser Cys Arg Phe Arg Phe Cys Arg		
20	25	30
Ala Asp Gly Ser Met Arg Pro Lys Gly Ala Lys Ile Leu Leu Arg Gly		
35	40	45
Pro Asp Tyr Ser Arg Ser Ala Phe Ile Cys Arg Asn Phe Pro Gly Gly		
50	55	60
Arg Thr Leu Gly Asn Val Arg Thr Thr Gly Ala Ala Leu Ile Glu Ser		
65	70	75
80		
Gly Ser Gly Thr Pro Ile Asn Arg Tyr Arg Pro Asn Gly Leu Arg		
85	90	95
Pro Ala Phe Pro Arg Asn Phe Phe Arg Leu Thr Pro Leu Thr Phe Gln		
100	105	110
Arg Asp Arg Lys Gly Val Ala Arg Arg Gly Ala Asn Gly Asn Gln Glu		
115	120	125
Glu Phe Leu Asp Asp Leu Cys Ile Arg Leu Pro Ile Arg Asn Tyr Asn		
130	135	140
Ile Gln Asn Lys Asp Gly Ser Val Phe Arg Thr Ile Ser Thr Ser Asp		
145	150	155
160		
Ala Arg Asp Cys Leu Ser Phe Arg Thr Val Val Arg Pro Ile Val Val		
165	170	175

Asp Val Ala Trp Asp Ser Ser Asp Asp Phe Asp Leu Ser Val Val Gly  
180 185 190

Pro Pro Gly Ser Val Gly Gly Arg Ile Asn Asp Asn Leu Val Ala Ala  
195 200 205

Cys Gly Asp Ser Pro Ala Gly Lys Glu Ala Val Ser Phe Glu Asn Met  
210 215 220

Val Arg Gly Lys Tyr Thr Val Thr Leu Phe His Phe Asn Asn Cys Phe  
225 230 235 240

Asn Lys Arg Thr Lys Trp Val Val Asn Val Val Val Asn Gly Val Arg  
245 250 255

Ile Gln Arg Arg Leu Gly Arg Ser Asn Val Asp Gly Arg Arg Val Leu  
260 265 270

Glu Leu Glu Phe Thr Val  
275